

AMENDMENTS TO THE SPECIFICATION AND ABSTRACT

Please replace paragraph [0070] of the substitute specification with the following paragraph:

[0070] Also, in a configuration using the head support device 9, by designing the head support device in such manner that a center of gravity of a portion held by the plate spring 4, for example, when rotated by a voice coil motor, a center of gravity of the support arm 2 in a state of being fitted with a voice coil and coil holder, is substantially same in position as a point of intersection between the rotational axis in the radial direction of the recording medium 12 of the support arm 2 and the rotational axis in the vertical direction of the recording medium 12; that is, middle point P on a line connecting points Pa and Pb at which the support arm 2 comes in contact with the pivots 11a, 11b of the second bearing portion 11 (in Fig. 1(a), a distance between P and Pa becomes equal to a distance between P and Pb, which is L), it is possible to provide a head support device which is free from vibration and is stable. In this case, it is possible to provide a head support device maximized with regard to shock resistance, but some difference causes no problem in actual use.

Please replace paragraph [0113] of the substitute specification with the following paragraph:

[0113] A center of the head slider 30 opposing recording medium 12 rotates about immovable point G from P1 in a steady state of being afloat to of P2 after displacement. Distance Lo from point P1 to the immovable point G can be obtained by formula (1) because θ_p is very small and can be considered to be $\cos \theta_p = 1$.